

# **EXHIBIT 1**

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May 17, 2018

**VIA FEDEX**

Courtney VanLonkhuyzen Welton  
Motorola Mobility LLC  
West Merchandise Mart Plaza, Suite 1800  
Chicago, IL 60654

**Re: Maxell's Smart Phone Related Patents**

Dear Ms. Welton,

I represent Maxell, Ltd. ("Maxell") with respect to certain patent licensing and litigation matters. Maxell maintains and develops intellectual property assets related to smartphones, tablets and mobile devices. As a result, Maxell owns a large portfolio of patents related to such technologies, and our analysis of Motorola Mobility LLC's ("Motorola") line of smartphones demonstrates that Motorola makes, uses, sells, offers to sell, or imports products in the U.S. that might benefit from a license to certain of Maxell's patents. Maxell would welcome the opportunity to enter into constructive discussions with Motorola to determine whether the parties can agree to a mutually acceptable patent license agreement.

While Maxell continues to review its patent portfolio, we specifically call your attention to the following U.S. patents:

No.	U.S. Pat. No.	Claims	Accused Product(s)	No.	U.S. Pat. No.	Claims	Accused Product(s)
<b>1</b>	5,396,443	1-5, 7-8, 11, 12, 14-16, 22-24	Motorola Z, X, G, E phones	<b>26</b>	7,203,517	1-5, 9-10	Motorola Z, X, G, E phones
<b>2</b>	6,243,340	1	Motorola Z, X, G, E phones	<b>27</b>	7,324,487	1-5	Motorola Z, X, G, E phones
<b>3</b>	6,329,794	1-3, 5-14	Motorola Z, X, G, E phones	<b>28</b>	7,403,226	1-2, 7	Motorola Z, X, G phones with video stabilization and/or digital zoom

Courtney VanLonkhuyzen Welton  
May 17, 2018  
Page 2

<b>No.</b>	<b>U.S. Pat. No.</b>	<b>Claims</b>	<b>Accused Product(s)</b>	<b>No.</b>	<b>U.S. Pat. No.</b>	<b>Claims</b>	<b>Accused Product(s)</b>
<b>4</b>	6,347,068	1-2	Motorola Z, X, G, E phones	<b>29</b>	7,447,241	1, 3-4, 5	Motorola Z, X, G, E phones
<b>5</b>	6,408,193	1-7	Motorola Z, X, G, E phones	<b>30</b>	7,457,529	1-41	Motorola Z, X, G, E phones
<b>6</b>	6,424,795	1-7	Motorola Z, X, G, E phones	<b>31</b>	7,509,139	1, 7-14	Motorola Z, X, G, E phones
<b>7</b>	6,430,498	1-13	Motorola Z, X, G, E phones	<b>32</b>	7,515,810	1, 2, 6	Motorola Z, X, G, E phones
<b>8</b>	6,580,999	1-6	Motorola Z, X, G, E phones	<b>33</b>	7,671,901	1-2	Motorola Z, X, G, E phones
<b>9</b>	6,612,488	1-4	Motorola Z, X phones with NFC and/or Tap-and-Pay feature and/or Mobile Payment	<b>34</b>	7,689,201	1-4, 7	Motorola Z, X, G, E phones
<b>10</b>	6,748,317	1-3, 6-8, 10-11, 15-17	Motorola Z, X, G, E phones	<b>35</b>	7,995,897	1-12	Motorola Z, X, G, E phones
<b>11</b>	6,754,440	1-8	Motorola Z, X, G, E phones	<b>36</b>	8,037,161	3, 6	Motorola Z, X, G, E phones with tethering and/or hotspot

Courtney VanLonkhuyzen Welton  
May 17, 2018  
Page 3

No.	U.S. Pat. No.	Claims	Accused Product(s)	No.	U.S. Pat. No.	Claims	Accused Product(s)
12	6,765,616	13-15, 18	Motorola Z, X, G phones with video stabilization and/or digital zoom and/or 4K video capture	37	8,059,177	1-2	Motorola Z, X, G phones with video stabilization and/or digital zoom
13	6,816,491	1-2, 7-9	Motorola Z, X, G, E phones	38	8,098,695	1, 4	Motorola Z, X, G, E phones
14	6,856,760	1, 3-4, 6-7, 9-10, 12-13, 15	Motorola Z, X, G, E phones	39	8,170,394	1-5, 7-8	Motorola Z, X, G, E phones
15	6,913,194	1-4	Motorola Z, X phones with NFC and/or Tap-and-Pay feature and/or Mobile Payment	40	8,339,493	5,6	Motorola Z, X, G phones with video stabilization and/or digital zoom and/or 4K video capture
16	6,917,823	1-7	Motorola Z, X, G, E phones	41	8,417,088	1-4	Motorola Z, X, G, E phones
17	6,928,292	1-2	Motorola Z, X, G, E phones	42	8,654,093	1-7	Motorola Z, X, G, E phones
18	6,928,306	2, 5-6, 13-15	Motorola Z, X, G, E phones	43	8,736,729	1,2	Motorola Z, X, G phones with video stabilization and/or digital zoom and/or 4K video capture
19	6,954,583	1, 3	Motorola Z, X, G, E phones	44	8,982,086	1-4	Motorola Z, X, G, E phones

Courtney VanLonkhuyzen Welton  
May 17, 2018  
Page 4

No.	U.S. Pat. No.	Claims	Accused Product(s)	No.	U.S. Pat. No.	Claims	Accused Product(s)
20	6,973,334	1,3-4, 6	Motorola Z, X, G, E phones	45	9,100,604	1-5	Motorola Z, X, G phones with digital zoom
21	6,983,140	1-5	Motorola Z, X, G, E phones	46	9,420,212	1-6	Motorola Z, X, G, E phones with Wi-Fi and Bluetooth
22	7,068,503	1-29	Motorola Z, X phones with with USB-C and/or Moto Mods connector	47	9,451,229	1-12	Motorola Z, X, G, E phones
23	7,116,438	1-3	Motorola Z, X phones with NFC	48	9,489,985	1-12	Motorola Z, X, G, E phones
24	7,190,833	1-20	Motorola Z, X, G, E phones	49	9,544,517	1-11	Motorola Z, X, G phones with digital zoom
25	7,199,821	7	Motorola Z, X, G, E phones	50	9,743,129	1-8	Motorola Z, X, G, E phones

These patents are directed to technologies, including imaging/camera components, image processor, proximity sensors, touch screen, and power management incorporated in Motorola's smartphones and related hardware and software sold in the United States. Copies of each of these patents may be found by visiting the United States Patent and Trademark office website, [www.uspto.gov](http://www.uspto.gov).

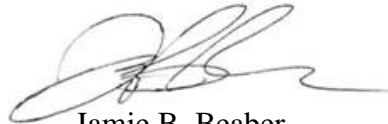
We encourage you to examine (or re-examine) these patents to determine whether a non-exclusive license is needed under each of the patents identified. In particular, at least the identified claims in the above chart are believed to be practiced by the identified Motorola products. Further, many of these patents currently are the subject of pending litigation, including in *Maxell, Ltd. v. Huawei Devices USA, Inc., et al.*, C.A. Nos. 5:16-CV-00178-RWS (E.D. Tex.) and 5:18-CV-00033-RWS (E.D. Tex); *Maxell, Ltd. v. ZTE Corp., et al.*, C.A. Nos. 5:16-CV-00179-RWS (E.D. Tex.) and 5:18-CV-00034 (E.D. Tex.); *Maxell, Ltd. v. Fandango Media, LLC*,

Courtney VanLonkhuyzen Welton  
May 17, 2018  
Page 5

C.A. No. 2:17-CV-07534-AG-SS, (C.D. Cal.); *Maxell, Ltd. v. ASUSTeK Computer, Inc.*, C.A. No. 3:18-CV-01788 (N.D. Cal.); *Maxell, Ltd. v. Blu Products, Inc.*, C.A. No. 1:18-CV-21231 (S.D. Fla.); *Maxell, Ltd. v. Blackberry Corp., et al.*, C.A. No. 1:17-CV-01446 (D. Del.); *Maxell, Ltd. v. Olympus Corp., et al.*, C.A. No. 1:18-CV-00310-JFB-SRF (D.Del.). Because Motorola's infringing products operate in substantially the same manner as the products accused of infringement in these case, additional detail regarding Motorola's infringing activities can be gained from reviewing the complaints and allegations in these matters.

Maxell is focused on addressing these issues without the need for costly and protracted litigation, and it would welcome the opportunity to have constructive discussions with Motorola to determine whether a mutually acceptable patent license agreement can be reached. Maxell is prepared to commence discussions with you or your representative at your earliest convenience, at which time Maxell can set forth its basic licensing structure for your consideration. I will be handling this discussion on behalf of Maxell and can be reached by email at [jbeaber@mayerbrown.com](mailto:jbeaber@mayerbrown.com). I look forward to your reply and the opportunity to discuss these matters with you or your representative.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Beaber', with a stylized flourish extending to the right.

Jamie B. Beaber